Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office											Atty. Docket No. P23698	OIPE		
Γ	NFORMA	E	BY AI	PPLI	CAN	T		MEN	IT		Applicant Hiroshi NOMURA	MAY 0 4 may 6		
.,	(U	Jse sev	eral s	sheets	s if no	ecess	ary)				Filing Date August 25, 2003		Group 2851	LIVA . III
									U.S. PATEN	OCUMENTS	··		RADEMARK	
EXAMINER INITIAL			DOC	UME	TN	IUM	BER		DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PA	2004					NO	MURA							
The state of the s	2004	/0	0	4	2	0	9	3	03/04/04	_	MURA	,		
	2004	/0	0	6	2	5	3	6	04/01/04		MURA			
	2004	/0	0	5	1	9	6	8	03/18/04	_	MURA			
	2004	/0	0	5	<u> </u>	9	7	0	03/18/04		MURA			
	2004	/0	0	6	2	5	3	7	04/01/04		MURA	-		
	2004	/0	0	5	1	9	7	2	03/18/04	_	MURA			
	2004	/0	0	4	2	0	9	1	03/04/04		MURA			
	2004	/0	0	4	2	0	8	9			MURA			
	2004	/0	0	5	1	9	7	1	03/18/04		MURA			
	2004	/0	0	4	2	7	7	7	03/04/04		MURA			
	2004	/0	0	4	2	7	7	8	03/04/04		MURA			···
	2004	/0	0	5	1	9	6	9			MURA			
	2004	70	0	5	1	9	6	7	03/18/04		MURA			
	2004	/0	0	4	2	7	7	5			MURA			
	2004	/0	0	4	2	6	9	6	03/04/04		MURA			
	2004	/0	i -	4		0	9		03/04/04	-				
	2004	/0	0	4	2	7	 	0	03/04/04		MURA			· · ·
	+	-	\vdash	 	 	<u> </u>	7	6			MURA			
	2004	/0	0	5	1	9	8	1	03/18/04		MURA	,		
	2004	/0	0	4	2	0	9	2	03/04/04		MURA			
	 	6	3	6	6	3	2	3	04/02/02		ONO			
	 	6	1	1	5	1	9	0.	09/05/00		RAI			
	2002	6	0	6	4	5	3	3	05/16/00	-	NIN et al.			
	2003	/0	0	8	-	3	2	5			MURA et al.			
	2001	/0	0	2	4	5	7	3	09/27/01 NO		MURA et al.			
TOX -	2002	/0		3	5	9	0	0	09/26/02		MURA et al.			
EVAMPLED	 	6		7	5	6	5	5	06/13/00	FU	NAHASHI			
*EXAMINER	itial itain		<u>ک`۲</u>	2		/	! -	.i '	- in	لـــ	DATE CONSIDERED	9	16/0c	
Include copy of t	his form w	ith nex	t com	munic	ation	to app	olican	icion II L	o in conformanc	e wi	th MPEP 609; Draw line	through citation	II not in conforma	ince and not considered.

Form PTO-1449 U.S. Department of C Patent and Tradema											Atty. Docket No. P23698		Serial No. 10/646,811				
n	NFORM		N DIS BY A		SUR	E ST				į	Applicant Hiroshi NOMURA						
	(L	Jse sev					агу)				Filing Date Group August 25, 2003 2851						
	_								U.S. PATEN	NT E	OCUMENTS		L <u>.</u>				
EXAMINER INITIAL			DOC	UME	1 TN	NUM	BER		DATE	_	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
(3)	2002	/0	1	3	5	9	0	1	09/26/02 N	NO	MURA et al.						
	2003	/0	0	8	1	3	2	7	05/01/03	NO	MURA et al.	*					
	2002	/0	1	3	5	8	9	6	09/26/03	NO	MURA et al.	•					
		6	0	5	5	1	ı	6	04/25/00	NO	MURA et al.	•					
		6	2	0	4	9	7	7	03/20/01	1W	ASA						
		5	4	3	0	5	ı	6	07/04/95	UZ	IIE et al.						
	2003	/0	0	8	1	9	4	8	05/01/03	NO	MURA et al.						
	2001	/0	0	ı	9	4	5	8	09/06/01	NO	MURA et al.	•					
		4	9	9	3	8	1	5	02/19/91	ΥA	MAZAKI et al.	-					
		5	8	1	8	6	4	7	10/06/98	NISHIO et al.							
	-	5	7	3	1	9	1	3	03/24/98	IMA	ANARI			· · · · · · · · · · · · · · · · · · ·			
		5	7	3	9	9	6	2	04/14/98	ASA	AKURA et al.						
	2003	/0	1	5	6	8	3	2	08/21/03	NO	MURA et al.						
		5	5	8	7	7	5	4	12/24/96	KA	TAYAMA et al.			=			
		6	0	5	2	5	3	5	04/18/00	UN	0						
		5	2	2	3	8	7	3	06/29/93	TSU	JBOI						
		5	0	8	6	3	1	2	02/04/92	TA	NAKA et al.	·					
		5	4	9	9	1	4	3	03/12/96	SAI	KAMOTO et al.			<u> </u>			
		6	0	6	9	7	4	5	05/30/00	FUJ	III et al.						
		6	3	2	4	0	1	9	11/27/01	TAI	KANASHI et al.						
NO		5	4	8	5	3	1	5	01/16/96	NO	MURA et al.						
7									<u> </u>								
- 																	
													-				
												1					
EXAMINER	\sum		<u></u>	\sum_{i}	 کم	1					DATE CONSIDERED	9/16/6	Xf				
*EXAMINER: In Include copy of the	itial if cita	ition co	onsider t com	red. w	hethe	or or ni	cita dioani	tion is	s in conformanc	e wit	th MPEP 609; Draw line t			nce and not considered.			

													Serial No.			
Form PTO-1449 U.S. Department o Patent and Trader											Atty. Docket No. P23698					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									IT.		Applicant Hiroshi NOMURA		_			
	lse se	veral :	sheet	s if n	ecess	ary)				Filing Date August 25, 2003		Group 2851				
									U.S. PATE	NT I	OCUMENTS					
EXAMINER INITIAL DOCUMENT NUMBER															ILING DATE	
INITIAL			BOC I	UME	I	MUN	BER	r	DATE		NAME	CLASS	SUBCLASS	OPRIATE		
		 	-			┣-		-	 							
			<u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>						_	
FOREIGN PATENT DOCUMENTS																
A		DO	СИМ	ENT	אטא	/BE	R		DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
		58	Ŀ	1	0	7	0	8	01/21/83	JAI	PAN					
		2	3 4 4 6 6 1				1	06/14/00	UN	ITED KINGDOM						
	<u> </u>	2	2	6	2	3	5	6	06/16/93	UN	ITED KINGDOM	V				
	2003	-	2	0	7	7	0	9	07/25/03	JAI	PAN					
		2	3	0	9	5	5	1	07/30/97	UN	ITED KINGDOM	,				
		2	3	4	4	6	6	2	06/14/00	UN	ITED KINGDOM					
		2	2	6	1	2	9	8	05/12/93	UN	ITED KINGDOM					
	2002	-	2	7	7	7	1	9	09/25/02	JAI	'AN					
	10	-	2	8	2	3	9	4	10/23/98	JAF	PAN	-				
	58	_	1	6	2	9	1	4	09/27/83	JAF	PAN					
		0	6	3 4 6 8 0 01/18/95		01/18/95	E.P	.0.	-							
		10	Ŀ	3	2	7	4	0	02/03/98	JAF	'AN			х		
	7		2	8	8	7	2	4	10/31/95	JAF	AN			х		
				ОТІ	HER	DOC	CUM	ENT	S (Including	Aut	hor, Title, Date, Perti	nent Pages,	Etc.)			
		ì	En	glis	h La	ngu	age .	Absi	ract of JP 5	58-1	0708.					
1		2	En	glis	h La	ngu	age .	Abst	ract of JP 2	2003	3-207709.					
		3	En	glis	h La	ngu	age .	Abst	ract of JP 2	2002	2-277719.					
		4	En	glis	h La	ngu	age .	Absı	ract of JP 1	10-2	82394.	_	·			
(29)	1	5	╁						ract of JP 5							
	 						-									
EXAMINER	D	_	<u>C</u>	21	a	J					DATE CONSIDERE	D al	16/04		F	
*EXAMINER	: Initial if	citatio	on cor	rside	red, v	vheth	e or	not c	itation is in c	onfo	rmance with MPFP 60	<u></u>		if not in conf	formance	
and not consid	lered. Incl	ude c	ору о	f this	form	with	nex	t com	munication to	o apj	olicant.		<u></u>			

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office												Atty. Docket No. Serial No. 10/646,811				
	IN	۱FO	RM	ΙΑΤ	ION BY	DIS Y AJ	CLO	OSU IQD	RE S	TATEMENT	Applicant Hiroshi NOMURA					
(Use several spects if necessary)												Filing Date Group August 25, 2003 2851				
						.	w			144	U.S. PATENT I	DOCUMENTS				
EXAM INIT			D	ос	UME	TME	241	RAS	EMAI	DATE	1	NAME	CLASS	SUBCLASS	FILING IF APPRO	
(A)	7	DOCUMENT NOTICE DATE 4 5 2 5 0 5 0 06/25/85								06/25/85	OHASHI		****		-	
	پح		4	6	4	3	5	5	5	02/17/87	WAKABAYA	SHI	٠	-		
			4	7	2	1	9	7	2	01/26/88	WAKABAYA	SHI				
$\neg \uparrow$			4	7	9	2	8	2	2	12/20/88	AKIYAMA et	al.				
			5	8	1	8	6	4	7	10/06/98	NISHIO et al.	-				
			6	0	3	1	9	9	8	02/29/00	SHONO		·			
			4	4	5	ı	1	2	9	05/29/84	IKARI et al.					
			4	6	4	3	5	5	4	02/17/87	OGAWA					
			4	7	7	1	3	0	3	09/13/88	MATSUMOY	O et al.				
			4	8	8	7	1	0	7	12/12/89	NAKAMURA	et al.				
			5	į	3	6	3	2	. 4 .	08/04/92	TSUBOI et al					
			5	7	6	5	0	4	9	06/09/98	HASE et al.					* 1-1
			5	8	3	2	3	2	6	11/03/98	TANAKA					
W.	λ		6	3	6	6	3	2	3	04/02/02	SHONO et al.				•	
										FOI	REIGN PATEN	T DOCUMENTS				
															TRANSL	ATION
(10)			DOCUMENT NUMBER							DATE		UNTRY	CLASS	SUBCLASS	YES	NO
\Rightarrow	<u>ی</u>	5	8	_	4	5	9	3	0	08/31/83	JAPAN					
		6	1	-	6	9	0	0	2	04/09/86	JAPAN					
		6	1	2	7	0	7	3	7	12/01/86	JAPAN					
		6	3	1	4	9	6	2	9	06/22/88	JAPAN					
		6	4	-	3	4	6	2	3	03/02/89	JAPAN				х	
			6	-	1	8	7	7	7	01/28/94	JAPAN				х	
		7	•	1	9	ı	2	4	9	07/28/95	JAPAN		-			
(Q)		1	1	1	0	9	2	0	3	04/23/99	JAPAN					
						JAP	AN	от	HER	DOCUME	NTS (Including	Author, Title, Date, F	ertinent Pag	es, Etc.)		
		7												/	-	
EXAMI	NER		1	7		(\bigcirc	٦٠ ج	بد	1		DATE CONSIDERE	D 9/	16/04		
*EXAM	*EXAMINER: Initial if citation considered, whither or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												9; Draw line	through citation	if not in conf	ormance